

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17. (Canceled)

Claim 18. (Currently Amended) An apparatus for forming a composite panel comprising, in combination:

a reservoir for raw material;

at least one forming station configured to form a mat of the raw material;

a dry material dispensing assembly positioned in the forming station to introduce an additive to the raw material prior to the formation of the mat; and

a press to apply heat and pressure to transform the mat into a composite panel.

Claim 19. (Original) The apparatus of claim 18, further comprising a conveying assembly to transfer the mat from the forming station to the press.

Claim 20. (Original) The apparatus of claim 18, wherein the dry material dispensing assembly comprises a fluidized bed and a pumping assembly.

Claim 21. (Original) The apparatus of claim 20, wherein the pumping assembly includes a plurality of pumps connected to a header, and a plurality of conduits connected to the header to carry the additive to the at least one forming station.

USSN 10/644,506

2

Claim 22. (Original) The apparatus of claim 18, wherein each forming station includes a plurality of doffing rolls to distribute the raw material.

Claim 23. (Original) The apparatus of claim 22, wherein the dry material dispensing assembly is configured to introduce the additive at the doffing rolls.

Claim 24. (Previously Presented) An apparatus for forming oriented strand board comprising, in combination:

a reservoir for wood strands;

at least one forming station to form a mat out of the wood strands;

a plurality of doffing rolls housed in each forming station and configured to present a substantially uniform flow of the wood strands as the mat is formed;

a dry material dispensing assembly to introduce an additive at the doffing rolls; and

a conveying assembly to transfer the mat to a press that includes a heat source and a pressure source configured to form a panel of oriented strand board from the mat.

Claim 25. (Original) The apparatus of claim 24, wherein the additive is a powdered material.

Claim 26. (Original) The apparatus of claim 24, wherein the additive is a resin.

Claim 27. (Original) The apparatus of claim 24, wherein the dry material dispensing assembly includes a fluidized bed and a pumping assembly.

Claim 28. (Original) The apparatus of claim 27, wherein the pumping assembly includes a plurality of pumps connected to a header, and a plurality of conduits connected to the header to carry the additive to the doffing rolls.

USSN 10/644,506

4